Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 04 Jan 2021 until 23:59 on Tuesday 05 Jan 2021

Forecast Issued on Monday 04 Jan 2021 at 02:55

Confidence: High for the cold conditions with snow at times. Medium for timings of any snow.

Headline for Monday 04 Jan 2021: Rather cloudy with occasional bright or clear spells and snow showers.

Mountain weather hazards on Monday 04 Jan 2021

Blizzards Low Likelihood	**Heavy Snow** Low Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light snow showers (night)	Light snow showers	Light snow showers	Light snow showers	Light snow showers (night)	Light snow showers (night)
Precipitation probability					
40%	40%	40%	40%	60%	40%

Forecast for Monday 04 Jan 2021

Weather: Rather cloudy with occasional bright or clear spells and snow showers, although rain or sleet at times below 300m. Temporary blizzard conditions possible over tops in any heavy snow showers.

Chance of cloud free mountain/hill tops above 600m: 70%, extensive cloud with bases 600 to 900m, lowering significantly in showers.

Visibility: Very good falling moderate or poor in snow showers, occasionally very poor at height.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 04 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/30 NE	26/34 NE	25/34 NE	23/31 NE	24/32 NE	24/33 NE	23/32 NE
300	16/22 NE	16/24 NE	17/25 NE	17/25 NE	16/25 NE	14/23 NE	14/23 NE
Valley	10/23 NE	10/25 NE	11/25 NE	12/26 NE	11/25 NE	10/24 NE	9/23 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-8	-1/-9	-1/-9	-1/-8	-2/-10	-2/-10	-2/-10
300	1/-5	1/-5	2/-4	1/-4	1/-5	0/-5	0/-6
Valley	2/-2	2/-3	2/-2	2/-2	1/-3	1/-3	1/-4
Freezing Level*	400m	400m	400m	400m	300m	200m	200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A severe wind chill expected at height with gusts of around 40mph. Locally significant snowfall possible if showers start forming into lines.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 03 Jan 2021	0.4mm	2.6mm	3mm

Forecast for Tuesday 05 Jan 2021

Weather: Another rather cloudy day with snow showers, although rain or sleet at times at lowest levels. The snow showers could again from bands or lines with locally significant snowfall possible.

Maximum wind: Northeast 20 to 25mph gusting 35mph with a severe wind chill over the tops.

Chance of cloud free mountain/hill tops above 600m: 70%, extensive cloud with bases 600 to 900m

Visibility: Very good falling moderate or poor in snow showers, occasionally very poor at height.

Temperature: **Valleys:** Minus 2 rising to Plus 2 Celsius around the middle of the day.
At 600m: Minus 2 Celsius
Freezing level: Most levels, rising to around 300m around the middle of the day.

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